#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Confirmation No. 6861

Koichi SUZUKI et al.

Attorney Docket No. 2006\_0470A

Serial No. 10/573,794

.

Filed March 28, 2006

•

ROYAL JELLY PEPTIDE AND COMPOSITION CONTAINING THE SAME

**MAIL STOP: PETITION** 

# PETITION UNDER 37 C.F.R. §1.137(B) FOR REVIVAL OF UNINTENTIONALLY ABANDONED PATENT APPLICATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

A reply to the attached Notification of Defective Response was due August 29, 2007. Such a reply was not filed by this extended due date and therefore Applicants believe this case has become unintentionally abandoned. Applicants attest that the entire delay in filing this required reply from August 29, 2007 until today was unintentional. Therefore, Applicants note that this was an unintentional abandonment and respectfully request this petition to revive be granted.

The petition fee as required is attached herewith.

Also, as required, the complete reply required by the outstanding Notification of Defective Response is attached herewith.

Favorable action is therefore respectfully requested.

THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE 03/10/FEESFORTHIS PROBES TO PERSON NO. 23-0975
01 FC:1453

WRS/mjw Washington, D.C. 20006-1021 Telephone (202) 721-8200 Facsimile (202) 721-8250 March 7, 2008 Respectfully submitted,

Koichi SUZUKI et al.

William R. Schmidt, II Registration No. 58,327

Attorney for Applicants

# IAP12 Rec'd PCT/PTO 07 MAR 2008

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Confirmation No. 6861

Koichi SUZUKI et al.

Attorney Docket No. 2006 0470A

Serial No. 10/573,794

Filed March 28, 2006

**ROYAL JELLY PEPTIDE AND** 

COMPOSITION CONTAINING THE SAME

Mail Stop AMENDMENT

# PATENT OFFICE FEE TRANSMITTAL FORM

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Attached hereto is a check in the amount of \$1540.00 to cover Patent Office fees relating to filing the following attached papers:

A duplicate copy of this paper is being submitted for use in the Accounting Division, Office of Finance.

The Commissioner is authorized to charge any deficiency or to credit any overpayment associated with this communication to Deposit Account No. 23-0975, with the EXCEPTION of deficiencies in fees for multiple dependent claims in new applications.

Respectfully submitted,

Koichi SUZUKI et al.

TO CHARGE ANY DEFICIENCY IN THE FEES FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975

William R. Schmidt, II

Registration No. 58,327 Attorney for Applicants

WRS/mjw WENDEROTH, LIND & PONACK, L.L.P. 2033 K St., N.W., Suite 800 Washington, D.C. 20006-1021 Telephone (202) 721-8200 March 7, 2008

[Check No. 8504

2006 0470A

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Confirmation No. 6861

Koichi SUZUKI et al. : Attorney Docket No. 2006\_0470A

Serial No. 10/573,794

Filed March 28, 2006

ROYAL JELLY PEPTIDE AND

COMPOSITION CONTAINING THE SAME : Mail Stop AMENDMENT

## PATENT OFFICE FEE TRANSMITTAL FORM

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Attached hereto is a check in the amount of \$1540.00 to cover Patent Office fees relating to filing the following attached papers:

Petition to revive unintentionally abandoned application ........... \$1540.00

A duplicate copy of this paper is being submitted for use in the Accounting Division, Office of Finance.

The Commissioner is authorized to charge any deficiency or to credit any overpayment associated with this communication to Deposit Account No. 23-0975, with the EXCEPTION of deficiencies in fees for multiple dependent claims in new applications.

Respectfully submitted,

Koichi SUZUKI et al.

THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEES FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975

William R. Schmidt, II Registration No. 58,327

Attorney for Applicants

WRS/mjw
WENDEROTH, LIND & PONACK, L.L.P.
2033 K St., N.W., Suite 800
Washington, D.C. 20006-1021
Telephone (202) 721-8200
March 7, 2008

[Check No. 8504

2006 0470A

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Confirmation No. 6861

Koichi SUZUKI et al. : Attorney Docket No. 2006\_0470A

Serial No. 10/573,794

Filed March 28, 2006

ROYAL JELLY PEPTIDE AND

COMPOSITION CONTAINING THE SAME : Mail Stop: Missing Parts

# **PRELIMINARY AMENDMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Notification of Defective Response mailed September 12, 2007, Applicants herein provide the following amendments and remarks.

THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEES FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975

# AMENDMENTS TO THE SPECIFICATION

# In the Sequence Listing:

Please replace the Sequence Listing of record with the attached revised substitute Sequence Listing.

# **REMARKS**

The foregoing amendments are presented to place the application in compliance with the Sequence Rules under 37 C.F.R. § 1.821-1.825.

In the Notice, it was indicated that the paper or compact disc copy of the Sequence Listing is not the same as the computer readable form ("CRF") of the Sequence Listing as required under US practice.

In reply, enclosed herewith is a substitute Sequence Listing in both paper and computer readable form as required by 37 C.F.R. § 1.821(c) and (e). The content of the paper and computer readable copies are the same and no new matter has been added. Amendments directing its entry into the specification have also been incorporated herein.

In view of the foregoing, it is believed that each requirement set forth in the Notice has been satisfied, and that the application is now in compliance with the Sequence Rules under 37 C.F.R. § 1.821-1.825.

Favorable action on the merits is respectfully requested.

Respectfully submitted,

Koichi SUZUKI et al.

William R. Schmidt, II Registration No. 58,327

Attorney for Applicants

WRS/mjw Washington, D.C. 20006-1021 Telephone (202) 721-8200 Facsimile (202) 721-8250 March 7, 2008

### **SEQUENCE LISTING**

```
<110>
      Japan Science and Technology Agency
       SUZUKI, Koichi
       SAKAI, Masato
<120> ROYAL JELLY PEPTIDE AND COMPOSITION CONTAINING THE SAME
<130>
      2006_0470A
<140>
      us 10/573,794
      2006-03-28
<141>
<150>
       JP 2003-338665
       2003-09-29
<151>
<150>
       PCT/JP2004/014544
       2004-09-27
<151>
<160>
      17
<170> PatentIn version 3.5
<210>
       37
<211>
<212>
      DNA
<213>
      Artificial Sequence
<220>
      synthetic oligonucleotide
<223>
<220>
      misc_feature
<221>
<222>
       (6)..(6)
<223>
       n is a, c, g, or t
<220>
<221>
<222>
       misc_feature
       (9)..(9)
<223>
       n is a, c, g, or t
<220>
<221>
       misc_feature
<222>
       (15)..(15)
<223>
       n is a, c, g, or t
<220>
<221>
       misc_feature
<222>
       (18)..(18)
<223>
       n is a, c, g, or t
<220>
<221>
       misc_feature
<222>
       (24)..(24)
<223>
       n is a, c, g, or t
<220>
       misc_feature
<221>
<222>
       (30)..(30)
<223>
       n is a, c, g, or t
<220>
<221>
       misc_feature
<222>
       (36)..(36)
```

<223>	n is a, c, g, or t	
	1 wsna thwsngtnaa rggngarwsn aaygtng	37
<210> <211> <212> <213>	29	
<220> <223>	synthetic oligonucleotide	
<400> cgttgg	2 cacc agacacgata gatgaaacc	29
<210> <211> <212> <213>	29	
<220> <223>	synthetic oligonucleotide	
<400> tttctg	3 aatt ttattaatta ctttattcg	29
<210> <211> <212> <213>	50	
<220> <223>	synthetic oligonucleotide	
<400> aaaacc	4 tcta tctctgttaa aggcgaatcc aacgttgatg ttgtttccca	50
<210> <211> <212> <213>	40	
<220> <223>	synthetic oligonucleotide	
<400> gatcaa	5 ctct ctggtttctt ctatcgtttc tggtgctaac	40
<210> <211> <212> <213>	40	
<220> <223>	synthetic oligonucleotide	
<400>	6 gcag tactgctggc tcagactctg gttaacatcc	40

<210> <211> <212> <213>	7 38 DNA Artificial Sequence	
<220> <223>	synthetic oligonucleotide	
<400> tgcaga	7 tcct gatcgacgct aacgttttcg cttaatag	38
<210> <211> <212> <213>		
<220> <223>	synthetic oligonucleotide	
<400> ttttgg	8 agat agagacaatt tccgcttagg ttgcaactac	40
<210> <211> <212> <213>		
<220> <223>	synthetic oligonucleotide	
<400> aacaaa	9 gggt ctagttgaga gaccaaagaa gatagcaaag	40
<211> <212>	10 40 DNA Artificial Sequence	
<220> <223>	synthetic oligonucleotide	
<400> accacg	10 attg caaagacgtc atgacgaccg agtctgagac	40
<212>	11 48 DNA Artificial Sequence	
<220> <223>	synthetic oligonucleotide	
<400> caattg	11 tagg acgtctagga ctagctgcga ttgcaaaagc gaattatc	48
<210> <211> <212> <213>	12 31 DNA Artificial Sequence	

```
<220>
<223>
         synthetic oligonucleotide
<400> 12
                                                                                                 31
ggtattgagg gtcgcaaaac ctctatctct g
<210>
         13
<211>
         33
<212>
        DNA
<213>
       Artificial Sequence
<220>
        synthetic oligonucleotide
<223>
<400> 13
                                                                                                 33
agaggagagt tagagcccta ttaagcgaaa acg
<210>
<211>
         162
<212>
         DNA
<213>
        bee
<220>
<221>
         CDS
<222>
        (1)..(162)
<220>
        misc_feature
(139)..(141)
<221>
<222>
        Xaa can be any naturally occurring amino acid
<220>
        misc_feature
(139)..(141)
<221>
<222>
<223>
        n is a, c, t or g
<400> 14
                                                                                                 48
aaa aca tca atc agt gtc aaa ggc gaa tcg aac gtg gat gtc gtt tcc
Lys Thr Ser Ile Ser Val Lys Gly Glu Ser Asn Val Asp Val Val Ser
caa atc aac agt ttg gtt tca tct atc gtg tct ggt gcc aac gtg tca Gln Ile Asn Ser Leu Val Ser Ser Ile Val Ser Gly Ala Asn Val Ser 20 25 30
                                                                                                 96
gca gta ctc cta gct caa act tta gtt aat atc ctg caa att nnn atc Ala Val Leu Leu Ala Gln Thr Leu Val Asn Ile Leu Gln Ile Xaa Ile
                                                                                                144
                                                                                                162
gac gct aat gtt ttc gct
Āsp Āla Asn Val Phe Āla
     50
<210>
         15
         54
<211>
<212>
         PRT
<213>
         bee
<220>
<221> misc_feature
```

```
<222>
        (47)..(47)
        Xaa´ is Lýs, Asn, Arg, Ser, Thr, Ile,
Met, Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, Tyr, Trp, Cys,
<223>
        or Phe.
<400> 15
Lys Thr Ser Ile Ser Val Lys Gly Glu Ser Asn Val Asp Val Val Ser 1 5 10 15
Gln Ile Asn Ser Leu Val Ser Ser Ile Val Ser Gly Ala Asn Val Ser
20 25 30
Ala Val Leu Leu Ala Gln Thr Leu Val Asn Ile Leu Gln Ile Xaa Ile
Asp Ala Asn Val Phe Ala
     50
<210>
        16
<211>
        162
<212>
        DNA
<213>
        bee
<220>
<221>
        CDS
<222>
        (1)..(162)
<400> 16
aaa aca tca atc agt gtc aaa ggc gaa tcg aac gtg gat gtc gtt tcc
Lys Thr Ser Ile Ser Val Lys Gly Glu Ser Asn Val Asp Val Val Ser
                                                                                           48
caa atc aac agt ttg gtt tca tct atc gtg tct ggt gcc aac gtg tca
Gln Ile Asn Ser Leu Val Ser Ser Ile Val Ser Gly Ala Asn Val Ser
20 25 30
                                                                                           96
gca gta ctc cta gct caa act tta gtt aat atc ctg caa att ctt atc
                                                                                          144
Ala Val Leu Leu Ala Gln Thr Leu Val Asn Ile Leu Gln Ile Leu Ile
                                                                                          162
gac gct aat gtt ttc gct
Asp Ala Asn Val Phe Ala
     50
<210>
        17
<211>
        54
<212>
        PRT
<213>
        bee
<400>
        17
Lys Thr Ser Ile Ser Val Lys Gly Glu Ser Asn Val Asp Val Val Ser
1 5 10 15
Gln Ile Asn Ser Leu Val Ser Ser Ile Val Ser Gly Ala Asn Val Ser
```

Ala Val Leu Leu Ala Gln Thr Leu Val Asn Ile Leu Gln Ile Leu Ile  $35 \hspace{1cm} 40 \hspace{1cm} 45$ 

Asp Ala Asn Val Phe Ala 50



### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trudemark Office Address: COMMISSIONER FOR PATENTS PO NO 1450 Alexandria, Vrignina 22313-1450 www.uptoc.gov

U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY. DOCKET NO.

10/573,794

Koichi Suzuki

2006 0470A

PCT/JP04/14544

I.A. FILING DATE

PRIORITY DATE

09/27/2004

09/29/2003

CONFIRMATION NO. 6861 371 FORMALITIES LETTER

\*OC000000025780087\*

513 WENDEROTH, LIND & PONACK, L.L.P. 2033 K STREET N. W. SUITE 800 WASHINGTON, DC 20006-1021

Date Mailed: 09/12/2007

## NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Priority Document
- Copy of the International Application filed on 03/28/2006
- Copy of the International Search Report filed on 03/28/2006
- Copy of IPE Report filed on 03/28/2006
- Preliminary Amendments filed on 03/28/2006
- Biochemical Sequence Diskette filed on 03/28/2006
- Oath or Declaration filed on 03/28/2006
- Biochemical Sequence Listing filed on 05/23/2007
- Request for Immediate Examination filed on 02/28/2007
- U.S. Basic National Fees filed on 03/28/2006
- Priority Documents filed on 03/28/2006
- Power of Attorney filed on 03/28/2006
- Non-English Language Application filed on 03/28/2006
- Specification filed on 03/28/2006
- Claims filed on 03/28/2006
- Abstracts filed on 03/28/2006
- Drawings filed on 03/28/2006
- Paper nucleotide sequence listings filed on 03/28/2006



Applicant's response filed 05/23/2007 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 01/29/2007 have not been completed.

• The paper or compact disc copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e). Applicant must provide a substitute paper or compact disc copy of the "Sequence Listing", as well as an amendment specifically directing its entry into the application OR a substitute computer readable form (CRF) copy of the "Sequence Listing". These two items must be the same. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or

compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web. <a href="https://sportal.uspto.gov/authenticate/Authenticate/Authenticate/LocalEPF.html">https://sportal.uspto.gov/authenticate/Authenticate/LocalEPF.html</a>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <a href="http://www.uspto.gov/ebc.">http://www.uspto.gov/ebc.</a>

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

### PART 2 - OFFICE COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/573,794	PCT/JP04/14544	2006_0470A

FORM PCT/DO/EO/916 (371 Formalities Notice)